

THE MECHANICAL AND INDUSTRIAL ENGINEERING DEPTS

WELCOMES YOU TO

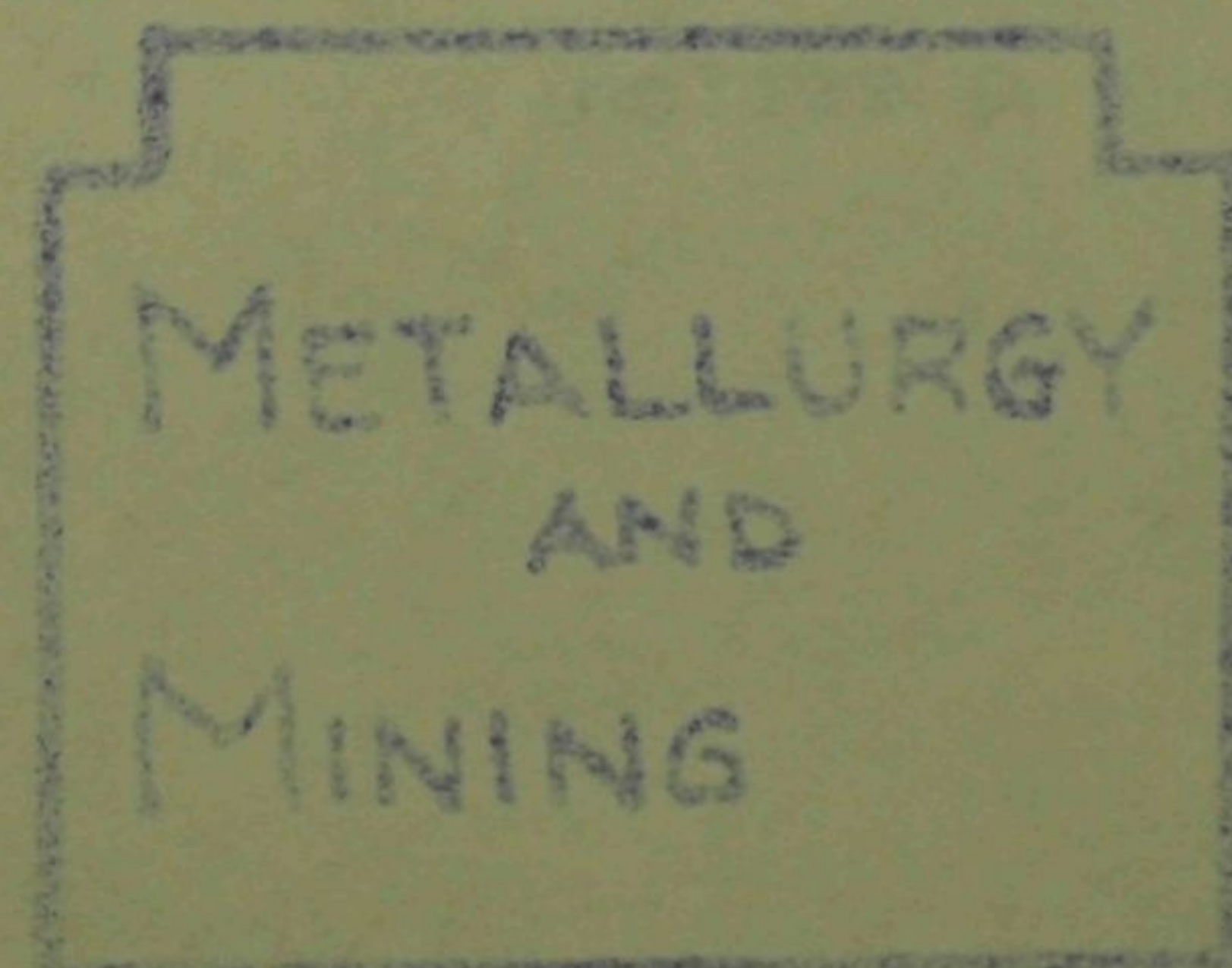
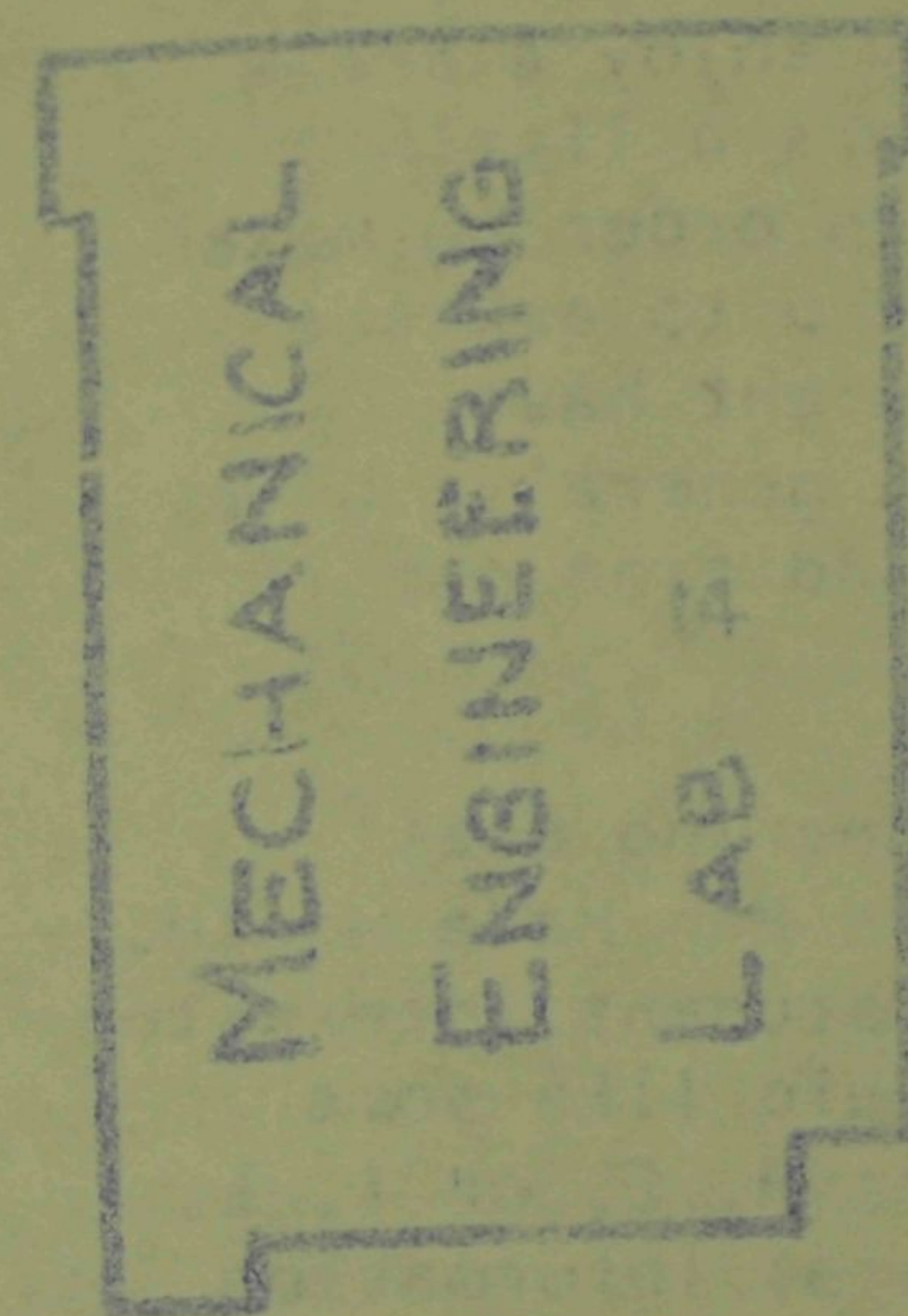
ENGINEERING OPEN HOUSE 1974

FRIDAY 29 MARCH 10 AM TO 8 PM
SATURDAY 30 MARCH 9 AM TO 5 PM

MECHANICAL AND INDUSTRIAL ENGINEERING DISPLAY HIGHLIGHTS

1. INTERNAL COMBUSTION ENGINES- Room 101- Continuous engine tests will be performed on a variety of engine types.
2. SOCIETY OF AUTOMOTIVE ENGINEERS- Parking Lot and room 110- Car brakes will be tested with the use of a skid pad.
3. HEAT TREATING- Rooms 114 and 115
4. THE GREAT AIR RACE- Room 135- Fly Snoopy's plane to safety on a simulation computer.
5. AMERICAN SOCIETY OF MECHANICAL ENGINEERS- Room 136
6. BIO-ENGINEERING- Room 143
7. MACHINE DESIGN- Room 149- Working models of student's ingenious mechanisms from creative engineering courses.
8. INDUSTRIAL EXHIBITS- Room 153E- GM and Danville Ford.
9. INDUSTRIAL EXHIBIT- Room 153W- Caterpillar
10. SKY-SCRAPER DEFLECTION- Room 153W- A solution to the deflection problems of buildings such as the new John Hancock structure is presented.
11. HEAT PUMP- Room 153W
12. MACHINE OPERATIONS- Room 217- Stamping Machines, Turret Lathes, and Automatic Screw Machines.
13. CUPOLA - FOUNDRY- Woodshop
14. VARIOUS EXPERIMENTS AND DEMONSTRATIONS- Mechanical Engineering Lab- Vortex Tube, Water Table, Pool Boiling, and Glass Tempering.

HAVE QUESTIONS OR NEED DIRECTIONS ??? Come to the M. E. General Information Table number 15.



MECHANICAL
ENGINEERING
BUILDING

PARKING LOT

GREEN

ILLINI UNION

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Fellow Engineering Enthusiast:

Thank you for making the 1974 Engineering Open House another success; and more specifically, thanks for showing an interest in the M. E. and I. E. displays and projects. We certainly enjoy a break from the books in order to show others a little about what engineering really is. In order to make your visit more enjoyable, we urge you to ask the display sponsors any questions you might have about their topics or engineering in general. Give them a chance to show off a little and find out if they really know their stuff.

As you have seen this weekend, engineering does indeed influence our lives in today's Man-Made World. If you are a graduating high school student interested in shaping man's future world and would like some additional information concerning the M. E. or I. E. Departments, please stop by the general information desk here in the M. E. Building or send your questions to:

The Mechanical - Industrial Engineering Depts.
Room 152 Mechanical Engineering Bldg.
University of Illinois
Urbana, Illinois 61801

Thank you again for your interest and questions.

THE MECHANICAL AND INDUSTRIAL
ENGINEERING DEPARTMENTS